Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Sunday 16 May 2021 until 23:59 on Monday 17 May 2021

Forecast Issued on Sunday 16 May 2021 at 01:21

Confidence: High for brighter spells and showers through the period, but Low for the extent of any heavier and thundery showers. Moderate for showers to ease and become less frequent Tuesday onward. Low confidence for details and timing of approaching rain Thursday.

Headline for Sunday 16 May 2021: Sunny spells and scattered showers, heavy at times and the low risk of thunder.

Mountain weather hazards on Sunday 16 May 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Low Likelihood

Thunderstorms
Low Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Light rain showers	Heavy rain showers	Heavy rain showers	Light rain showers
Precipitation probability					
10%	30%	60%	60%	60%	30%

Forecast for Sunday 16 May 2021

Weather: Some early mist or valley fog soon lifting, with sunny spells following. Cloud soon bubbling up through the day, however, with scattered showers developing from late morning onward. These turning heavy and perhaps thundery at times through the afternoon, with a risk of hail, and only gradually easing during the evening.

Chance of cloud free mountain/hill tops above 600m: 80%,

Visibility: Poor to very poor in any early morning mist or fog. Improving to give mostly good or very good views through the day, only falling to moderate or poor during any heavy showers. Periods of cloud at 600m are possible during heavy showers, leading to spells of very poor visibility on the highest tops.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Sunday 16 May 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/13 SW	6/10 SW	6/10 SE	8/11 SE	8/12 E	8/12 NE	9/12 NE
300	6/10 S	6/9 SW	6/10 SW	7/11 SE	7/10 E	5/10 NE	6/10 NE
Valley	3/9 S	5/9 SW	4/8 W	6/12 E	6/11 SE	5/11 NE	5/12 NE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/2	6/4	8/6	8/6	7/5	6/4	5/2
300	8/6	9/8	10/9	11/9	10/9	9/8	8/6
Valley	8/7	10/10	11/10	12/11	11/10	9/8	8/7
Freezing Level*	1400m	1300m	1500m	1500m	1500m	1500m	1500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Most routes are likely to see a few showers through the day, with the potential for some heavy, and possibly thundery, bursts through the afternoon. Away from showers, mostly fine conditions with good views expected. Despite some warm brighter spells and light winds, a chilly feel is likely on the tops, especially once caught in any showers.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sun 16 May 2021	N/A	N/A	N/A

Forecast for Monday 17 May 2021

Weather: Rather cloudy overnight, with a few showers remaining possible. Cloud breaking again through the morning, with another day of sunny spells and showers following, heavy at times. Thunder and hail will remain possible during heaviest showers, along with some blustery winds.

Maximum wind: Northwesterly 15-20mph with 25-35mph gusts, strongest during showers.

Chance of cloud free mountain/hill tops above 600m: 60% at first, increasing during the morning to 80%.

Visibility: Moderate to very good views expected, with some variability as showers move through and rain reduces the viewing distance. Some poor or very poor conditions possible above 500m during the morning with areas of cloud on the summits, and again above 600m with cloud returning to highest tops during any heavy showers that occur.

Temperature: **Valleys:** Plus 6 Celsius rising to Plus 14 Celsius
At 600m: Plus 4 Celsius rising to Plus 8 Celsius
Freezing level: Above the summits.

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